



Memorandum

To: Provost and Chief Academic Officers

From: Paula Compton, Associate Vice Chancellor, Articulation and Transfer

Date: October 18, 2021

Subject: Endorsement Survey for Proposed TAG Learning Outcomes for Information Technology, Information Systems, and Computer Science

Background:

Throughout the past several years the Ohio Articulation and Transfer Network (OATN) has held discussions with the Ohio Guaranteed Transfer Pathways (OGTP) faculty panels in the areas of Information Technology, Information Systems, and Computer Science to explore transfer pathways. During discussions, the OGTP Information Technology, Information Systems, and Computer Science panels recommended the creation of Transfer Assurance Guide (TAG) courses for areas within Information Technology, Computer Science, and Information Systems. With this recommendation, the OATN sent out a call for statewide nominations to assist with the work. Separate TAG faculty writing panels were formulated with content matter experts to meet and discuss TAG learning outcome creation.

After some discussion, TAG writing panels recommended learning outcomes for the following areas:

Information Technology (IT):

1. Introduction to Programming (IT Focused)
2. Introduction to Database Administration
3. Introduction to Web Development
4. System Administration
5. Introduction to Cybersecurity
6. Introduction to Networking

Information Systems (IS):

1. Introduction to Database Management
2. Introduction to Programming (IS Focused)
3. Systems Analysis & Design
4. IT/IS Project Management

Computer Science (CS):

1. Computer Science I
2. Computer Science II

In addition to the creation of the proposed Information Technology, Computer Sciences, and Information Systems TAG learning outcomes, current Career-Technical Assurance Guides (CTAGs) were reviewed for potential overlap during the TAG creation process. During the review process institutional research in the form of surveying was conducted to determine if proposed TAG courses should share CTAG learning outcomes in response to related institutional programs. The results of this review determined the following:

Pathway Area	Proposed TAG	TAG and CTAG Program Breakdown
Information Technology	Introduction to Programming (IT Focused)	Proposed TAG [OIT001- Introduction to Programming] <i>("or")</i> CTAG [CTPROG001- Computer Logic]
	Introduction to Database Administration	Proposed TAG [OIT002- Introduction to Database Administration]
	Introduction to Web Development	Proposed TAG [OIT003- Introduction to Web Development] <i>("or")</i> CTAG [CTIM004- Internet and Web Languages]
	System Administration	Proposed TAG [OIT004- System Administration]
	Introduction to Cybersecurity	Proposed TAG [OIT005- Introduction to Cybersecurity] are recommended to share CTAG learning outcomes [CTCYBR001- Cybersecurity]
	Introduction to Networking	Proposed TAG [OIT006- Introduction to Networking] <i>("or")</i> CTAG [CTIT007- Cisco I] and [CTIT008- Cisco II]
Information Systems	Introduction to Database Management	Proposed TAG [OIS001- Introduction to Database Management]
	Introduction to Programming (IS Focused)	Proposed TAG [OIS002- Introduction to Programming] <i>("or")</i> CTAG [CTPROG001- Computer Logic]
	Systems Analysis & Design	Proposed TAG [OIS003- Systems Analysis & Design]
	IT/IS Project Management	Proposed TAG [OIS004- IT/IS Project Management]

Computer Science	Computer Science I	Proposed TAG [OCS001- Computer Science I] <i>("or")</i> CTAG [CTPROG002- Java] or [CTPROG003- C++]
	Computer Science II	Proposed TAG [OCS002- Computer Science II]

What we need from you:

Please arrange to have the appropriate faculty at your institution complete these surveys as soon as possible **but no later than Friday, November 12, 2021**. We are collecting **only one representative** response per institution per survey.

These surveys ask your institution if they agree or disagree with proposed Information Technology, Information Systems, and Computer Science TAG course learning outcomes and questions around transfer equivalencies. You will find a copy of the proposed TAG course learning outcomes and updated CTAG course learning outcomes attached as reference.

The online surveys are available through the following links:

- **Information Technology:** <https://www.surveymonkey.com/r/BFW7337>
- **Information Systems:** <https://www.surveymonkey.com/r/P7GYLNC>
- **Computer Science:** <https://www.surveymonkey.com/r/P7P6Z6J>

Important Note: You must complete the survey via the link provided above. The attached PDF file is for reference only. Do not use the PDF version to respond to the survey.

I wish to express my thanks for the dedicated work of the TAG faculty writing panels for their collaboration in creating learning outcomes.

The faculty members of the Information Technology TAG writing panel included: Enoch Damson (University of Akron), Mohamed Ghonimy (North Central State College), KS Ku (Marion Technical College), Lawrence Atkinson (Lorain County Community College), Dovel Myers (Shawnee State University), and Larry Ray (Stark State College). A special acknowledgement to Tony Hill (Northwest State Community College), Enoch Damson (University of Akron), and Dovel Myers (Shawnee State University) for reviewing developed learning outcomes.

The faculty members of the Information Systems TAG writing panel included: Enoch Damson (University of Akron), John Harms (Lorain County Community College), James Leasure (Cuyahoga Community College), Euisung Jung (University of Toledo), and David Hensley (Cincinnati State Technical and Community College). A special acknowledgement to Tony Hill (Northwest State Community College), Enoch Damson (University of Akron), and Dovel Myers (Shawnee State University) for reviewing developed learning outcomes.

The faculty members of the Computer Science TAG writing panel included: Enoch Damson (University of Akron), Tasha Penwell (Hocking Community College), Nathaniel Neeland (Lorain County Community College), Thomas Mahas (Owens Community College), Jared Oluoch (University of Toledo), Sharon Hoover (Stark State Community College), and Matt Weisfeld (Cuyahoga Community College). A special acknowledgement to Tony Hill (Northwest State Community College),

Enoch Damson (University of Akron), and Dovel Myers (Shawnee State University) for reviewing developed learning outcomes.

Thank you in advance for your assistance. If you have any questions, contact Jessi Spencer, Director for Policy, Budget, and Constituent Relations, at 614-728-4706 or jspencer@highered.ohio.gov or Candice Grant, Director for Ohio Guaranteed Transfer Pathways, at 614-466-4136 or cgrant@highered.ohio.gov or Nikki Wearly, Director of Career-Technical Education Transfer Initiatives, at 614-728-2662 or nwearly@highered.ohio.gov

Attachments (7)

- ***Information Technology Endorsement Survey PDF***
- ***Information Systems Endorsement Survey PDF***
- ***Computer Science Endorsement Survey PDF***
- ***Information Technology Proposed Learning Outcomes***
- ***Information Systems Proposed Learning Outcomes***
- ***Computer Science Proposed Learning Outcomes***
- ***Current Career-Technical Assurance Guide (CTAG) Learning Outcomes***